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EXAMINER

DINH, DUNG C

ART UNIT PAPER NUMBER

2152

DATE MAILED: 10/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

08/978,490

Applicant(s)

KAWAKAMI, ITARU

Examiner

Dung Dinh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 July 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4,5,7,8,10,11,13-21 and 23-25 is/are pending in the application.
- 4a) Of the above claim(s) 0 is/are withdrawn from consideration.
- 5) ☐ Claim(s) 0 is/are allowed.
- 6) ☒ Claim(s) 1,2,4,5,7,8,10,11,13-21 and 23-25 is/are rejected.
- 7) ☐ Claim(s) 0 is/are objected to.
- 8) ☐ Claim(s) 0 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on 0 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. 0.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 0.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. 0.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: 0.

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DETAILED ACTION

Response to Arguments

Applicant's arguments filed 07/15/04 have been fully considered but they are not deemed persuasive in view of the rejection below.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-2, 4-5, 20-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over RFC 1738 "Uniform Resource Locators (URL)" 1994 and further in view of Mattaway et al. US patent 6,275,490; Godbole US patent 5,065,427; Valencia US patent 5,918,019; and Capps et al. US patent 6,512,525.

As per claims 1-2, RFC 1738 provides an Internet standard for the syntax and semantics of a language for location and access of resource.

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The RFC 1738 provide for a language usable for describing link location in the form of <scheme>:<scheme-specific-part>, wherein the <scheme> is the communication method, <scheme-specific-part> includes the destination address and other information dependent upon the <scheme> [see pages 2, 5-6].

The RFC 1738 does not specifically disclose using a telephone number as a destination address.

Mattaway teaches a system having HTML tags encoded destination link having a telephone number as a designation address [col.4 lines 5-11]. Mattaway does not disclose the specific of the information contained in this telephone destination link.

Hence, it would have been obvious for one of ordinary skill in the art to apply the RFC 1738 standard to the encoding of the telephone address destination to have the communication method (<scheme>) and the telephone number (<scheme-specific-part>) because it would have enable standard parsing and usage of the link information.

Mattaway does not specifically disclose a computer having a first communicating mode connecting to a server apparatus through the Internet and a second communicating mode connecting to a telephone apparatus via a secured public telephone network, using the same telephone line. However this feature is well

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known in the art and is an inherent feature in a computer with a fax/modem device. Godbole teaches a fax/data modem device that enables a computer system to make FAX or data call via a single telephone line [col.4 lines 25-26]. Official notice is taken that it is well known in the art that a data call includes dialup to an ISP for access to servers through the Internet [see generally the background of Valencia US patent 5,918,019]. It would have been obvious for one of ordinary skill in the art to use the fax/modem device of Godbole because it would have enable the computer system to automatically identify the type of incoming call [see Godbole col.4 lines 25-29]. Hence, the computer as modified, in performing the method above, would have had a first mode connecting to a server through the Internet [i.e. dialup to an ISP] and a second mode connecting to a telephone apparatus [i.e. FAX] using the same telephone line.

Mattaway does not specifically disclose information configured to confirm that a communication link with the predetermined apparatus shall be established (e.g. a confirmation dialog or message) with the telephone number. However, it is well known in the art to offer the user a confirmation when an action with consequence or cost to the user is about to be performed. For example, Capps teaches a user interface having dialog with display of phone number so as to

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enable the user to confirm that the intended operation [see fig.16a-d, fig.17, 19a, col.17 lines 10-37, col.18 lines 5-26]. Hence, it would have been obvious for one of ordinary skill in the art to display the phone number and confirm that the user want to establish the connection indicated in the link because it would have enabled the system to confirm the user's intention and enabled the user to view/verify the number to be dialed.

As per claims 4-5, 20-21, are similarly rejected as for claims 1-2 above.

Claims 7-8, 17-19, and 23-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mattaway et al. US patent 6,275,490 and further in view of RFC 1738 "Uniform Resource Locators (URL)" 1994 and Godbole US patent 5,065,427 and Valencia US patent 5,918,019 and Capps et al. US patent 6,512,525.

As per claim 7, Mattaway teaches an apparatus comprising:

a) a receiver(client's browser) configured to receive information, the information including a telephone number assigned to a line connect to a predetermined apparatus [col.3 lines 50-63, col.4 lines 7-11];

b) a display [fig.2a] configured to display the information

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c) a command device [col.3 line 53 pointing device] configured to specify a predetermined position;

d) a communication controller configured to establish a communication link with the predetermined apparatus based on the telephone number, if the predetermined position specified by the command device is associated with the telephone number [apparent from col.3 lines 50-63 when the user selected the destination icon].

Mattaway does not disclose the specific of the information contained in this telephone destination link.

The RFC 1738 provide for a language usable for describing link location in the form of <scheme>:<scheme-specific-part>, wherein the <scheme> is the communication method, <scheme-specific-part> includes the destination address and other information dependent upon the <scheme> [see pages 2, 5-6].

Hence, it would have been obvious for one of ordinary skill in the art to apply the RFC 1738 standard to the encoding of the telephone address destination to have the communication method (<scheme>) and the telephone number (<scheme-specific-part>) because it would have enable standard parsing and usage of the link information.

Mattaway does not specifically disclose a computer having a first communicating mode connecting to a server apparatus

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through the Internet and a second communicating mode connecting to a telephone apparatus via a secured public telephone network, using the same telephone line. However this feature is well known in the art and is an inherent feature in a computer with a fax/modem device. Godbole teaches a fax/data modem device that enables a computer system to make FAX or data call via a single telephone line [col.4 lines 25-26]. Official notice is taken that it is well known in the art that a data call includes dialup to an ISP for access to servers through the Internet [see generally the background of Valencia US patent 5,918,019]. It would have been obvious for one of ordinary skill in the art to use a computer with the fax/modem device of Godbole because it would have enable the system to automatically identify the type of incoming call [col.4 lines 25-29]. Hence, the computer as modified, in performing the method above, would have had a first mode connecting to a server through the Internet [dialup to an ISP] and a second mode connecting to a telephone apparatus [FAX] by using the same telephone line.

Mattaway does not specifically disclose information configured to confirm that a communication link with the predetermined apparatus shall be established (e.g. a confirmation dialog or message) with the telephone number. However, it is well known in the art to offer the user a

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confirmation when an action with consequence or cost to the user is about to be performed. For example, Capps teaches a user interface having dialog with display of phone number so as to enable the user to confirm that the intended operation [see fig.16a-d, fig.17, 19a, col.17 lines 10-37, col.18 lines 5-26]. Hence, it would have been obvious for one of ordinary skill in the art to display the phone number and confirm that the user want to establish the connection indicated in the link because it would have enabled the system to confirm the user's intention and enabled the user to view/verify the number to be dialed.

As per claim 8, Mattaway teaches HTML encoding of the link destination [col.3 line 57].

Claims 17-19, 23-25 are similarly rejected as for claims 7-8 above.

Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mattaway et al. US patent 6,275,490 and further in view of Godbole US patent 5,065,427 and Valencia US patent 5,918,019 and Capps et al. US patent 6,512,525.

As per claim 10, Mattaway teaches an apparatus comprising:

a) a receiver(client's browser) configured to receive information, the information including a telephone number assigned

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to a line connect to a predetermined apparatus [col.3 lines 50-63, col.4 lines 7-11];

b) a display [fig.2a] configured to display the information

c) a command device [col.3 line 53 pointing device]

configured to specify a predetermined position;

d) a communication controller configured to establish a communication link with the predetermined apparatus based on the telephone number, if the predetermined position specified by the command device is associated with the telephone number [apparent from col.3 lines 50-63 when the user selected the destination icon].

Mattaway does not specifically disclose providing a telephone-number selector when there are plural telephone numbers associated with the position. It is well known in the art of Graphical User Interface to provide a pick-list when there are multiple choices associated with a position selected by a pointing device. It would have been obvious for one of ordinary skill in the art to provide a telephone number selector when there are plural phone numbers associated with the position because it would have simplified the display by presenting only one icon for the plural numbers.

Mattaway does not specifically disclose a computer having a first communicating mode connecting to a server apparatus

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through the Internet and a second communicating mode connecting to a telephone apparatus via a secured public telephone network, using the same telephone line. However this feature is well known in the art and is an inherent feature in a computer with a fax/modem device. Godbole teaches a fax/data modem device that enables a computer system to make FAX or data call via a single telephone line [col.4 lines 25-26]. Official notice is taken that it is well known in the art that a data call includes dialup to an ISP for access to servers through the Internet [see generally the background of Valencia US patent 5,918,019]. It would have been obvious for one of ordinary skill in the art to use a computer with the fax/modem device of Godbole because it would have enable the system to automatically identify the type of incoming call [col.4 lines 25-29]. Hence, the computer as modified, in performing the method above, would have had a first mode connecting to a server through the Internet [dialup to an ISP] and a second mode connecting to a telephone apparatus [FAX] by using the same telephone line.

Mattaway does not specifically disclose information configured to confirm that a communication link with the predetermined apparatus shall be established (e.g. a confirmation dialog or message) with the telephone number. However, it is well known in the art to offer the user a

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confirmation when an action with consequence or cost to the user is about to be performed. For example, Capps teaches a user interface having dialog with display of phone number so as to enable the user to confirm that the intended operation [see fig.16a-d, fig.17, 19a, col.17 lines 10-37, col.18 lines 5-26]. Hence, it would have been obvious for one of ordinary skill in the art to display the phone number and confirm that the user want to establish the connection indicated in the link because it would have enabled the system to confirm the user's intention and enabled the user to view/verify the number to be dialed.

Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mattaway et al. US patent 6,275,490 and further in view of Mark US patent 5,732,133, Godbole US patent 5,065,427, Valencia US patent 5,918,019, and Capps US patent 6,512,525.

As per claim 11, Mattaway teaches an apparatus comprising:

a) a receiver(client's browser) configured to receive information, the information including a telephone number assigned to a line connect to a predetermined apparatus [col.3 lines 50-63, col.4 lines 7-11];

b) a display [fig.2a] configured to display the information

c) a command device [col.3 line 53 pointing device] configured to specify a predetermined position;

d) a communication controller configured to establish a communication link with the predetermined apparatus based on the telephone number, if the predetermined position specified by the command device is associated with the telephone number [apparent from col.3 lines 50-63 when the user selected the destination icon];

Mattaway does not specifically disclose providing a number adder for adding a number required for international communication to a telephone number.

Mark discloses automatic adding of international telephone code prefix and area code to the phone number to make it relatively easy for a user to place long distance calls from foreign countries. It would have been obvious for one of ordinary skill in the art to have automatic telephone code adder because it would have ease the burden on the user and improved the usability of the system.

Mattaway do not specifically disclose a computer having a first communicating mode connecting to a server apparatus through the Internet and a second communicating mode connecting to a telephone apparatus via a secured public telephone network, using the same telephone line. However this feature is well

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known in the art and is an inherent feature in a computer with a fax/modem device. Godbole teaches a fax/data modem device that enables a computer system to make FAX or data call via a single telephone line [col.4 lines 25-26]. Official notice is taken that it is well known in the art that a data call includes dialup to an ISP for access to servers through the Internet [see generally the background of Valencia US patent 5,918,019]. It would have been obvious for one of ordinary skill in the art to use a computer with the fax/modem device of Godbole because it would have enable the system to automatically identify the type of incoming call [col.4 lines 25-29]. Hence, the computer in performing the method above would have had a first mode connecting to a server through the Internet [dialup to an ISP] and a second mode connecting to a telephone apparatus [FAX] by using the same telephone line.

Mattaway does not specifically disclose information configured to confirm that a communication link with the predetermined apparatus shall be established (e.g. a confirmation dialog or message) with the telephone number. However, it is well known in the art to offer the user a confirmation when an action with consequence or cost to the user is about to be performed. For example, Capps teaches a user interface having dialog with display of phone number so as to

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enable the user to confirm that the intended operation [see fig.16a-d, fig.17, 19a, col.17 lines 10-37, col.18 lines 5-26]. Hence, it would have been obvious for one of ordinary skill in the art to display the phone number and confirm that the user want to establish the connection indicated in the link because it would have enabled the system to confirm the user's intention and enabled the user to view/verify the number to be dialed.

Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mattaway et al. US patent 6,275,490 and further in view of Mincone et al. US patent 4,585,904, Godbole US patent 5,065,427, Valencia US patent 5,918,019, and Capps US patent 6,512,525.

As per claim 13, Mattaway teaches an apparatus comprising:

- a) a receiver(client's browser) configured to receive information, the information including a telephone number assigned to a line connect to a predetermined apparatus [col.3 lines 50-63, col.4 lines 7-11];
- b) a display [fig.2a] configured to display the information
- c) a command device [col.3 line 53 pointing device] configured to specify a predetermined position;

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d) a communication controller configured to establish a communication link with the predetermined apparatus based on the telephone number, if the predetermined position specified by the command device is associated with the telephone number [apparent from col.3 lines 50-63 when the user selected the destination icon];

Mattaway does not specifically disclose displaying an estimate cost of the call.

Mincone discloses automatic display estimated cost of a call to be made [see abstract]. It would have been obvious for one of ordinary skill in the art to have display the estimated cost of the call because it would have enable the user to know and judge whether he want to incur the charge associated with the call.

Mattaway do not specifically disclose a computer having a first communicating mode connecting to a server apparatus through the Internet and a second communicating mode connecting to a telephone apparatus via a secured public telephone network, using the same telephone line. However this feature is well known in the art and is an inherent feature in a computer with a fax/modem device. Godbole teaches a fax/data modem device that enables a computer system to make FAX or data call via a single telephone line [col.4 lines 25-26]. Official notice is taken that it is well known in the art that a data call includes

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dialup to an ISP for access to servers through the Internet [see generally the background of Valencia US patent 5,918,019]. It would have been obvious for one of ordinary skill in the art to use a computer with the fax/modem device of Godbole because it would have enable the system to automatically identify the type of incoming call [col.4 lines 25-29]. Hence, the computer in performing the method above would have had a first mode connecting to a server through the Internet [dialup to an ISP] and a second mode connecting to a telephone apparatus [FAX] by using the same telephone line.

Mattaway does not specifically disclose information configured to confirm that a communication link with the predetermined apparatus shall be established (e.g. a confirmation dialog or message) with the telephone number. However, it is well known in the art to offer the user a confirmation when an action with consequence or cost to the user is about to be performed. For example, Capps teaches a user interface having dialog with display of phone number so as to enable the user to confirm that the intended operation [see fig.16a-d, fig.17, 19a, col.17 lines 10-37, col.18 lines 5-26]. Hence, it would have been obvious for one of ordinary skill in the art to display the phone number and confirm that the user want to establish the connection indicated in the link because

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it would have enabled the system to confirm the user's intention and enabled the user to view/verify the number to be dialed.

Claims 14-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mattaway et al. US patent 6,275,490 and further in view of Smith US patent 5,835,724, Godbole US patent 5,065,427, Valencia US patent 5,918,019, and Capps US patent 6,512,525.

As per claim 14, Mattaway teaches an apparatus comprising:

- a) a receiver(client's browser) configured to receive information, the information including a telephone number assigned to a line connect to a predetermined apparatus [col.3 lines 50-63, col.4 lines 7-11];
- b) a display [fig.2a] configured to display the information
- c) a command device [col.3 line 53 pointing device] configured to specify a predetermined position;
- d) a communication controller configured to establish a communication link with the predetermined apparatus based on the telephone number, if the predetermined position specified by the command device is associated with the telephone number [apparent from col.3 lines 50-63 when the user selected the destination icon];

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Mattaway does not specifically disclose reestablishing connection after the receiver was disconnected.

Smith discloses as system for automatic continue a session after a client was disconnected.

It would have been obvious for one of ordinary skill in the art to provide means for reestablishing a connection when a receiver was disconnected because it would have improved the system by enabling the receiver to resume a disconnected session.

Mattaway does not specifically disclose a computer having a first communicating mode connecting to a server apparatus through the Internet and a second communicating mode connecting to a telephone apparatus via a secured public telephone network, using the same telephone line. However this feature is well known in the art and is an inherent feature in a computer with a fax/modem device. Godbole teaches a fax/data modem device that enables a computer system to make FAX or data call via a single telephone line [col.4 lines 25-26]. Official notice is taken that it is well known in the art that a data call includes dialup to an ISP for access to servers through the Internet [see generally the background of Valencia US patent 5,918,019]. It would have been obvious for one of ordinary skill in the art to use a computer with the fax/modem device of Godbole because it would have enable the system to automatically identify the type

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of incoming call [col.4 lines 25-29]. Hence, the computer in performing the method above would have had a first mode connecting to a server through the Internet [dialup to an ISP] and a second mode connecting to a telephone apparatus [FAX] by using the same telephone line.

Mattaway does not specifically disclose information configured to confirm that a communication link with the predetermined apparatus shall be established (e.g. a confirmation dialog or message) with the telephone number. However, it is well known in the art to offer the user a confirmation when an action with consequence or cost to the user is about to be performed. For example, Capps teaches a user interface having dialog with display of phone number so as to enable the user to confirm that the intended operation [see fig.16a-d, fig.17, 19a, col.17 lines 10-37, col.18 lines 5-26]. Hence, it would have been obvious for one of ordinary skill in the art to display the phone number and confirm that the user want to establish the connection indicated in the link because it would have enabled the system to confirm the user's intention and enabled the user to view/verify the number to be dialed.

As per claims 15-16, they are rejected under similar rationale as for claim 14 above.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dung Dinh whose telephone number is (703) 305-9655. The examiner can normally be reached on Monday-Thursday from 7:00 AM - 4:30 PM. The examiner can also be reached on alternate Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenton Burgess can be reached at (703) 305-4792.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Dung Dinh
Primary Examiner
October 18, 2004